



| SOUNDING COLOR LEGEND   |   |
|---|---|
| <span style="background-color: red; color: black;"> </span>   | DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH |
| <span style="background-color: green; color: black;"> </span> | DEPTHS AT OR BELOW PROJECT DEPTH        |
| <b>18.0</b>   | PROJECT DEPTH                           |

| LEGEND OF SYMBOLS |                     |
|-------------------|---------------------|
| 17+00             | CHANNEL STATIONING  |
| ○ 417             | CHANNEL CORNER      |
| ⊙ H.L.F.          | HARBOR LINE CORNER  |
| ---               | FEDERAL CHANNEL     |
| ---               | HARBOR LINE         |
| ---               | SUBMARINE CABLE     |
| ⬮                 | CAN BUOY            |
| ⬮                 | NUN BUOY            |
| ⬮                 | LIGHTED BUOY        |
| ⬮                 | FIXED LIGHT         |
| ⬮                 | LIGHT HOUSE         |
| W                 | LIGHT COLOR WHITE   |
| R                 | LIGHT COLOR RED     |
| G                 | LIGHT COLOR GREEN   |
| FL                | FLASHING LIGHT      |
| F                 | FIXED LIGHT         |
| Oc                | OCCULTING LIGHT     |
| Iso               | EQUAL INTERVAL      |
| AL                | ALTERNATING         |
| Q                 | QUICK (FLASHING)    |
| S                 | LIGHT CYCLE SECONDS |

- SITE SPECIFIC NOTES:**
- PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO IGLD85 LOW WATER DATUM STEP AS SHOWN.
  - HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 NEW YORK STATE PLANE COORDINATE SYSTEM-WEST ZONE.
  - PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
  - SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY A. KENNERLY AND PARTY ON AUGUST 21, 2014 USING:  
GPS POSITIONING, POS-MV VER. 5 AND REAL TIME KINEMATIC TIDES  
REFERENCE POINT USED: TTWTP  
SONAR HEAD: 240 KHZ, SEABAT 7101 MULTIBEAM  
1.5 DEGREE BEAMS 210 DEGREE ARC  
HEAVE, PITCH AND ROLL: APPLANIX POS-MV VER. 5  
VELOCITY PROFILER; SONTEK CASTAWAY CTD  
HYPACK SURVEY SOFTWARE  
SURVEY VESSEL "WITMER"
  - THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.
  - THE BACKGROUND IMAGERY SHOWN WAS ACQUIRED FROM THE NEW YORK STATE GIS CLEARINGHOUSE.
  - THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

